

GenCore version 5.1.4_p5_4578
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OM protein - protein search, using sw model

Run on: April 23, 2003, 13:01:10 : Search time 22 Seconds
(without alignments)
2119.798 Million cell updates/sec

Title: US-09-635-949-34
Perfect score: 3289
Sequence: 1 MDFLLALVLSVLYQAAAE.....TGEIGLDDVSLKKGHCSEER 582

Scoring table: HLOSUM62
Gapop 10.0 , Capext 0.5

Searched: 301932 seqs, 80129803 residues

Total number of hits satisfying chosen parameters: 301932

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications, AA.*

- 1: /cqn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pcp.*
- 2: /cqn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pcp.*
- 3: /cqn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pcp.*
- 4: /cqn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pcp.*
- 5: /cqn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pcp.*
- 6: /cqn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pcp.*
- 7: /cqn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pcp.*
- 8: /cqn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pcp.*
- 9: /cqn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pcp.*
- 10: /cqn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pcp.*
- 11: /cqn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pcp.*
- 12: /cqn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pcp.*
- 13: /cqn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pcp.*
- 14: /cqn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	3289	100.0	582	9	US-10-004-551-34
2	3097.5	94.2	546	9	US-10-004-551-82
3	2820	85.7	509	9	US-09-905-291A-315
4	2820	85.7	509	9	US-09-902-853-315
5	2820	85.7	509	9	US-09-907-824-315
6	2820	85.7	509	9	US-09-907-841-315
7	2820	85.7	509	9	US-09-904-011-315
8	2820	85.7	509	9	US-10-174-590-52
9	2820	85.7	509	9	US-10-176-758-52
10	2820	85.7	509	9	US-10-175-737-52
11	2820	85.7	509	9	US-09-906-742-315
12	2820	85.7	509	9	US-10-173-706-52
13	2820	85.7	509	9	US-10-175-738-52
14	2820	85.7	509	9	US-10-175-752-52
15	2820	85.7	509	9	US-10-176-482-52
16	2820	85.7	509	9	US-10-176-757-52
17	2820	85.7	509	9	US-10-176-913-52
18	2820	85.7	509	9	US-10-180-552-52
19	2820	85.7	509	9	US-10-180-557-52

20	2820	85.7	509	9	US-09-906-838-315	Sequence 315, App
21	2820	85.7	509	9	US-09-907-613-315	Sequence 315, App
22	2820	85.7	509	9	US-09-907-942-315	Sequence 315, App
23	2820	85.7	509	9	US-10-173-700-52	Sequence 52, Appl
24	2820	85.7	509	9	US-10-174-572-52	Sequence 52, Appl
25	2820	85.7	509	9	US-10-174-579-52	Sequence 52, Appl
26	2820	85.7	509	9	US-10-174-582-52	Sequence 52, Appl
27	2820	85.7	509	9	US-10-174-588-52	Sequence 52, Appl
28	2820	85.7	509	9	US-10-175-739-52	Sequence 52, Appl
29	2820	85.7	509	9	US-10-175-740-52	Sequence 52, Appl
30	2820	85.7	509	9	US-10-175-743-52	Sequence 52, Appl
31	2820	85.7	509	9	US-10-176-488-52	Sequence 52, Appl
32	2820	85.7	509	9	US-10-176-492-52	Sequence 52, Appl
33	2820	85.7	509	9	US-10-176-747-52	Sequence 52, Appl
34	2820	85.7	509	9	US-10-176-750-52	Sequence 52, Appl
35	2820	85.7	509	9	US-10-176-985-52	Sequence 52, Appl
36	2820	85.7	509	9	US-10-176-987-52	Sequence 52, Appl
37	2820	85.7	509	9	US-10-176-991-52	Sequence 52, Appl
38	2820	85.7	509	9	US-10-176-992-52	Sequence 52, Appl
39	2820	85.7	509	9	US-10-176-993-52	Sequence 52, Appl
40	2820	85.7	509	9	US-10-184-658-52	Sequence 52, Appl
41	2820	85.7	509	9	US-10-173-695-52	Sequence 52, Appl
42	2820	85.7	509	9	US-10-173-697-52	Sequence 52, Appl
43	2820	85.7	509	9	US-10-173-705-52	Sequence 52, Appl
44	2820	85.7	509	9	US-10-174-576-52	Sequence 52, Appl
45	2820	85.7	509	9	US-10-174-585-52	Sequence 52, Appl

ALIGNMENTS

RESULT 1

US-10-004-551-34

; Sequence 34, Application US/10004551

; Publication No. US20030004310A1

; GENERAL INFORMATION:

; APPLICANT: SHIMKETS, RICHARD A

; APPLICANT: FERNANDES, ELMA

; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY

; FILE REFERENCE: 15966-559

; CURRENT APPLICATION NUMBER: US/10/004,551

; CURRENT FILING DATE: 2001-12-05

; PRIOR APPLICATION NUMBER: 09/635,949

; PRIOR FILING DATE: 2000-08-10

; NUMBER OF SEQ ID NOS: 110

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 34

; LENGTH: 582

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-004-551-34

Query Match 100.0%; Score 3289; DB 9; Length 582;

Best Local Similarity 100.0%; Pred. No. 2.4e-180;

Matches 582; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDFLLALVLSVLYQAAAEFGGRWPRQTVSSIGICRYGGRIDCCMGARQSWGQCQPPY 60

DB 1 MDFLLALVLSVLYQAAAEFGGRWPRQTVSSIGICRYGGRIDCCMGARQSWGQCQPPY 60

QY 61 VLQRQIARIQQLKAVCQPRCKHGECIGPNKCKCHPGYAGKTCIQVLNCCGLKPRCKIUR 120

DB 61 VLQRQIARIQQLKAVCQPRCKHGECIGPNKCKCHPGYAGKTCIQVLNCCGLKPRCKIUR 120

QY 121 CANTYGSYKCYCLNGYMLMPDGSCTSSALTCSMANQYGDVYVKGQIRCCQSPSGIQLADP 180

DB 121 CANTYGSYKCYCLNGYMLMPDGSCTSSALTCSMANQYGDVYVKGQIRCCQSPSGIQLADP 180

QY 181 GRTCDVDKCATGRASCPFRQCVNTFGSYICKCHKHGFILMYIGKYQCHDIDECISIGY 240

DB 181 GRTCDVDKCATGRASCPFRQCVNTFGSYICKCHKHGFILMYIGKYQCHDIDECISIGY 240

QY 241 QCSSFARCNVNRGSKCKEKGQDGLTCVTYIPKVNIEFSGPIHVPKNGTILKDTGN 300

Db 241 OCSSEFARCVNWSYKCKEGYGGGLTCVYIPKYMIEPSGPINVPKNGTILKGDGN 300
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPKTPPTTPPPPPPLTELRTPLP 360
Db 301 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPKTPPTTPPPPPPLTELRTPLP 360
QY 361 PTPPTERTGLTTIAPAASTPPGGITVDNRVOTDPOKPRGDVFIPROPSNDLFEIFEIER 420
Db 361 PTPPTERTGLTTIAPAASTPPGGITVDNRVOTDPOKPRGDVFIPROPSNDLFEIFEIER 420
QY 421 GVSADDEAKDDPGVYVISCNFDHGLCGWIREKNDNLHWEPIRDPAGGOYLTVSAAKAPGG 480
Db 421 GVSADDEAKDDPGVYVISCNFDHGLCGWIREKNDNLHWEPIRDPAGGOYLTVSAAKAPGG 480
QY 481 KAARLV:PIGRIMHSGDGLCSFRHKVTGILHSQTLQVFRKKGHAAGALWCRNGCHGWROT 540
Db 481 KAARLV:PIGRIMHSGDGLCSFRHKVTGILHSQTLQVFRKKGHAAGALWCRNGCHGWROT 540
QY 541 QITLRGADIKSVVFKGKRRGHTGEIGLDDVSLKKGHCSEER 582
Db 541 QITLRGADIKSVVFKGKRRGHTGEIGLDDVSLKKGHCSEER 582

RESULT 2
US-10-004-551-82
; Sequence 82, Application US/10004551
; Publication No. US20030004310A1
; GENERAL INFORMATION:
; APPLICANT: SHIMKETS, RICHARD A
; APPLICANT: FERNANDES, ELMA
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-559
; CURRENT APPLICATION NUMBER: US/10/004,551
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 09/635,949
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 82
; LENGTH: 546
; TYPE: PRT
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: TRANSLATION
; OTHER INFORMATION: FROM AMPLIFICATION PRODUCT 16467945.0.88-S261.D
US-10-004-551-82

Query Match 94.2%; Score 3097.5; DB 9; Length 546;
Best Local Similarity 96.8%; Pred. No. 1.9e-169;
Matches 545; Conservative 1; Mismatches 0; Indels 17; Caps 1;
QY 20 RPDGRWPROIVSSIGLCRYGCRIDCCWGNAROSWGOCPYYVLKRIARICOLKAVQCP 79
Db 1 EYDGRWPROIVSSIGLCRYGGRIDCCWGNAROSWGOCP-----VCQP 43
QY 80 RCKHGCIGPNKCKHPYAGKTCIOVINECGILKPRCKHRCNNTYGSYKCYCINCYMIM 139
Db 44 RCKHGCIGPNKCKHPYAGKTCIOVINECGILKPRCKHRCNNTYGSYKCYCINCYMIM 103
QY 140 PDGSSSALTCSMANCYGQGVVYKQIRCCPSPLGLADPGRTCDVDDECATGRASCP 199
Db 104 PDGSSSALTCSMANCYGQGVVYKQIRCCPSPLGLADPGRTCDVDDECATGRASCP 163
QY 200 PROCVNTFGSYICKCKHKGDLWYIGCKYQCHDIDPCSLGOYCSSFARCVNWSYKCKC 259
Db 164 PROCVNTFGSYICKCKHKGDLWYIGCKYQCHDIDPCSLGOYCSSFARCVNWSYKCKC 223
QY 260 KEYGQIGITCVYIPKVMIEPSGPINVPKNGTILKGDTCNNWIPDVGSTWMPKTPYI 319
Db 224 KEYGQIGITCVYIPKVMIEPSGPINVPKNGTILKGDTCNNWIPDVGSTWMPKTPYI 283
QY 320 PPIITNRPSTKPTTRPKTPPTTPPPPPPLTELRTPLPPTTPTTGLTTIAPAA 379

Db 284 PPIITNRPSTKPTTRPKTPPTTPPPPPPLTELRTPLPPTTPTTGLTTIAPAA 343
QY 380 TTPGGITVDNRVOTDPOKPRGDVFIPROPSNDLFEIFEIERGVSAADDEAKDDPGVYVISC 449
Db 344 TTPGGITVDNRVOTDPOKPRGDVFIPROPSNDLFEIFEIERGVSAADDEAKDDPGVYVISC 403
QY 440 NFDHGLCGWIREKNDNLHWEPIRDPAGGOYLTVSAAKAPGGKAARLV:PIGRIMHSGDGL 499
Db 404 NFDHGLCGWIREKNDNLHWEPIRDPAGGOYLTVSAAKAPGGKAARLV:PIGRIMHSGDGL 463
QY 500 LSFRIKVTGLHSQTLQVFRKKGHAAGALWCRNGCHGWROTITLREGADIKSVVFKGKRR 559
Db 464 LSFRIKVTGLHSQTLQVFRKKGHAAGALWCRNGCHGWROTITLREGADIKSVVFKGKRR 523
QY 560 RCHTGHTGIGLDDVSLKKGHCSEER 582
Db 524 RCHTGHTGIGLDDVSLKKGHCSEER 546

RESULT 3
US-09-905-291A-315
; Sequence 315, Application US/09905291A
; Patent No. US20020160374A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Rotstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroli, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavić, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoletti, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleo
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,291A
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 315
LENGTH: 509
TYPE: PRT
ORGANISM: Homo Sapien
US-09-905-291A-315

Query Match 85.7% Score 2820; DB 9; Length 509;
Best Local Similarity 90.9% Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 45; Gaps 2;

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DB 1 MDELALVIVSSLYLQAAAFDFGRWPRQIVSSIGLCRYGRIDCCMGARQSGWQCQPPY 58
QY 61 VLQRTARICQLKAVCPCKKGEIGCNKCKCHPGYAGKTCIQVINEGGLKPRCKKR 120
DB 59 -----VCQPRCKKCEGIGPNKCKCHPGYAGKTCIQVINEGGLKPRCKKR 103
QY 121 CMNTYSYKCYCLNGYMLMPDGGSSALATCSMANCOYGDVVKGQIRCCPSPGLQAPD 180
DB 104 CMNTYSYKCYCLNGYMLMPDGGSSALATCSMANCOYGDVVKGQIRCCPSPGLQAPD 163
QY 181 GRTCVIVDECATGRASCPRRQCVNTFGSYICKCKHGFEDLMYIGKYQCHDIDECSLGOY 240
DB 164 GRTCVIVDECATGRASCPRRQCVNTFGSYICKCKHGFEDLMYIGKYQCHDIDECSLGOY 223
QY 241 QCSSFARCYNVRGSKCKCKEGYQGGDLTCVYIPKVMIFPSPGIHVPKNGTILKGDGTN 300
DB 224 QCSSFARCYNVRGSKCKCKEGYQGGDLTCVYIPKVMIFPSPGIHVPKNGTILKGDGTN 283
QY 301 NNIPDVGSTWPPKTPYIPPIINRPTSKPTTRTPKTPPTPTPTPTPTPTPTPTPTPTPT 360
DB 284 NNIPDVGSTWPPKTPYIPPIINRPTSKPTTRTPKTPPTPTPTPTPTPTPTPTPTPTPT 343
QY 361 PTPPT 420
DB 344 PTPPT 386
QY 421 GVSADDEAKDDPVLVUSCNFIDGLCGWIREKNDNLINPIRDPAGGQYLYTVAAPGG 480
DB 387 -----SVLVHSCNFDGLCGWIREKNDNLINPIRDPAGGQYLYTVAAPGG 434
QY 481 KAARLVPLGLRMHSDGLCSFRHKYTLGHSGLQVFEVRKHGAHGAALNGRNGHGWROT 540
DB 435 KAARLVPLGLRMHSDGLCSFRHKYTLGHSGLQVFEVRKHGAHGAALNGRNGHGWROT 494
QY 541 QITLRGADIKS 551
DB 495 QITLRGADIKS 505

RESULT 4
US-09-902-853-315
Sequence 315, Application US/09902853
Publication No. US20020192659A1
GENERAL INFORMATION:

Query Match 85.7% Score 2820; DB 9; Length 509;
Best Local Similarity 90.9% Pred. No. 1.2e-153;

APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Rotstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Ellvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Malher, Jennie P.
APPLICANT: Pat, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,853
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 315
LENGTH: 509
TYPE: PRT
ORGANISM: Homo Sapien
US-09-902-853-315

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Matches 501: Conservative 0: Mismatches 4: Indels 46: Gaps 2:
QY 1 MDPLALVLVSSLYLQAAAFEDGRWPRQIVSSIGLCRYGGRIDCCWGWASQWQCOQPPY 60
DB 1 MDPLALVLVSSLYLQAAAFEDGRWPRQIVSSIGLCRYGGRIDCCWGWASQWQCOQPPY 58
QY 61 VLQRRIARICQLKAVQCPKCKHGEICGNPKCKHCHGYAGKTICQVNLNGLKPRPKHR 120
DB 59 -----VCQPKCKHCHGYAGKTICQVNLNGLKPRPKHR 103
QY 121 CMNTYGSYKCYCLNGYMLMFDGSSSALTCSSMANCOYGVVVKGOIRCCQSPISGLQAPD 180
DB 104 CMNTYGSYKCYCLNGYMLMFDGSSSALTCSSMANCOYGVVVKGOIRCCQSPISGLQAPD 163
QY 181 GRTCDVDDECATGRASCPRPCVNTFGSYICKCHKHCHGYAGKTICQVNLNGLKPRPKHR 240
DB 164 GRTCDVDDECATGRASCPRPCVNTFGSYICKCHKHCHGYAGKTICQVNLNGLKPRPKHR 223
QY 241 QCSSFARCYNVRGYSYKCKCKEGYQDGLTCVYIPKVMIEPSGPIHVPKNGTILKGDIGN 300
DB 224 QCSSFARCYNVRGYSYKCKCKEGYQDGLTCVYIPKVMIEPSGPIHVPKNGTILKGDIGN 283
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPTPTPTPTPTPTPTPTPLP 360
DB 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPTPTPTPTPTPTPTPTPLP 343
QY 361 PTTTPTPTTGLTTTAAASTPDCGTTVDNRVQDPOKPRGDVFIQPPSNDLPIEIPFIER 420
DB 344 PTTTPTPTTGLTTTAAASTPDCGTTVDNRVQDPOKPRGDVFIQPPSNDLPIEIPFIER 400
QY 421 GVSADDEAKDDPVLVHSCNFDHGLCGWIREKNDLHWEPIRDPAGQYILTVSAAKAPGG 480
DB 387 -----SVLVHSCNFDHGLCGWIREKNDLHWEPIRDPAGQYILTVSAAKAPGG 434
QY 481 KAARVLPLGRLMHSGLDGLSPRKVYGLHSGTLOVVRKHGAHGAALWCRNGSCHWROT 540
DB 435 KAARVLPLGRLMHSGLDGLSPRKVYGLHSGTLOVVRKHGAHGAALWCRNGSCHWROT 494
QY 541 QITLRCADIKS 551
DB 495 QITLRCADIKS 505

RESULT 5
US-09-907-824-315
: Sequence 315, Application US/0907824
: Publication No. US20020197671A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Rotstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Katon, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroli, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gorlitsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kljavin, Ivar J.
: APPLICANT: Malher, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
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: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/907,824
: CURRENT FILING DATE: 2001-07-17
: PRIOR APPLICATION NUMBER: 09/665,350
: PRIOR FILING DATE: 2000-09-18
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,698
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 60/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23086
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: PRIOR APPLICATION NUMBER: PCT/US99/28313
: PRIOR FILING DATE: 1999-11-30
: PRIOR APPLICATION NUMBER: PCT/US99/28564
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/28565
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30095
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: PCT/US99/40911
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US99/40999
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US00/00219
: PRIOR FILING DATE: 2000-01-05
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 315
: LENGTH: 509
: TYPE: PRT
: ORGANISM: Homo Sapien
: US-09-907-824-315

Query Match 85.7% Score 2820; DB 9; Length 509;
Best Local Similarity 90.9% Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2:
QY 1 MDPLALVLVSSLYLQAAAFEDGRWPRQIVSSIGLCRYGGRIDCCWGWASQWQCOQPPY 60
DB 1 MDPLALVLVSSLYLQAAAFEDGRWPRQIVSSIGLCRYGGRIDCCWGWASQWQCOQPPY 58
QY 61 VLQRRIARICQLKAVQCPKCKHCHGYAGKTICQVNLNGLKPRPKHR 120
DB 59 -----VCQPKCKHCHGYAGKTICQVNLNGLKPRPKHR 103
QY 121 CMNTYGSYKCYCLNGYMLMFDGSSSALTCSSMANCOYGVVVKGOIRCCQSPISGLQAPD 180
DB 104 CMNTYGSYKCYCLNGYMLMFDGSSSALTCSSMANCOYGVVVKGOIRCCQSPISGLQAPD 163
QY 181 GRTCDVDDECATGRASCPRPCVNTFGSYICKCHKHCHGYAGKTICQVNLNGLKPRPKHR 240
DB 164 GRTCDVDDECATGRASCPRPCVNTFGSYICKCHKHCHGYAGKTICQVNLNGLKPRPKHR 223
QY 241 QCSSFARCYNVRGYSYKCKCKEGYQDGLTCVYIPKVMIEPSGPIHVPKNGTILKGDIGN 300
DB 224 QCSSFARCYNVRGYSYKCKCKEGYQDGLTCVYIPKVMIEPSGPIHVPKNGTILKGDIGN 283
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPTPTPTPTPTPTPTPTPLP 360
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Db 284 NNNIPDVSTWPKIPYIPPIITNPTSKPTTRPKPTPIPTPPPPPLPTELTPLP 343
QY 361 PTTPTPTGLTITIAAASSTPGGIVTDRVQTDPOKPRGDVPIRQPSNDLFEIFEIER 420
Db 344 PTTPTPTGLTITIAAASSTPGGIVTDRVQTDPOKPRGDVPIRQPSNDLFEIFEIER 386
QY 421 GVSADDEAKDDPCVLVHSCNFDHGLCGWIREKNDLHNEPIRDPAGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSCNFDHGLCGWIREKNDLHNEPIRDPAGQYLTVSAAKAPGG 434
QY 481 KAARLVPLGLRLHMSGDLCISLSPRHKVTLQVFKHGAHGAALWCRNGCHGWROT 540
Db 435 KAARLVPLGLRLHMSGDLCISLSPRHKVTLQVFKHGAHGAALWCRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 6
US-09-907-841-315
; Sequence 315, Application US/09907841
; Publication No. US20020198366A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21089
; PRIOR FILING DATE: 1999-10-05
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; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 315
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-09-907-841-315

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1,2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDFLLALVLSLYLQAAAEFDGRWPRQIVSSIGLCRYGGRIDCCGWARQSWGQCQPPY 60
Db 1 MDFLLALVLSLYLQAAAEFDGRWPRQIVSSIGLCRYGGRIDCCGWARQSWGQCQPPY 58
QY 61 VLQRILRIKQIKAVCPQPRCKHGEICIGPNKCKCHPGYAGKTCIQVINPCGILKPKCKHR 120
Db 59 -----VCQPRCKHGEICIGPNKCKCHPGYAGKTCIQVINPCGILKPKCKHR 103
QY 121 CMNTYGSYKCYCLNGYMLMPOGSCSSALTCSSANCOYGDVYKGOIRCOCPSPGLQAPD 180
Db 104 CMNTYGSYKCYCLNGYMLMPOGSCSSALTCSSANCOYGDVYKGOIRCOCPSPGLQAPD 163
QY 181 GRTCDVDECATGRASCPREFROCVNTFGSYICKHKGFDLMTYGGYQCHDIDECSLQY 240
Db 164 GRTCDVDECATGRASCPREFROCVNTFGSYICKHKGFDLMTYGGYQCHDIDECSLQY 223
QY 241 QCSSFARCYNVHSGYKCKCKEGYQGDGLTCVVIPKVMIEPSGPIHVFKNGTILKGDTCN 300
Db 224 QCSSFARCYNVHSGYKCKCKEGYQGDGLTCVVIPKVMIEPSGPIHVFKNGTILKGDTCN 283
QY 301 NNNIPDVSTWPKIPYIPPIITNPTSKPTTRPKPTPIPTPPPPPLPTELTPLP 360
Db 284 NNNIPDVSTWPKIPYIPPIITNPTSKPTTRPKPTPIPTPPPPPLPTELTPLP 343
QY 361 PTTPTPTGLTITIAAASSTPGGIVTDRVQTDPOKPRGDVPIRQPSNDLFEIFEIER 420
Db 344 PTTPTPTGLTITIAAASSTPGGIVTDRVQTDPOKPRGDVPIRQPSNDLFEIFEIER 386
QY 421 GVSADDEAKDDPCVLVHSCNFDHGLCGWIREKNDLHNEPIRDPAGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSCNFDHGLCGWIREKNDLHNEPIRDPAGQYLTVSAAKAPGG 434
QY 481 KAARLVPLGLRLHMSGDLCISLSPRHKVTLQVFKHGAHGAALWCRNGCHGWROT 540
Db 435 KAARLVPLGLRLHMSGDLCISLSPRHKVTLQVFKHGAHGAALWCRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 7
US-09-904-011-315
; Sequence 315, Application US/09904011
; Publication No. US20030003530A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, A.
; APPLICANT: Godowski, Paul J.
```

1 APPLICANT: Grimaldi, Christopher J.
 2 APPLICANT: Gurney, Austin L.
 3 APPLICANT: Hillan, Kenneth J.
 4 APPLICANT: Kijavlin, Ivar J.
 5 APPLICANT: Mather, Jennie P.
 6 APPLICANT: Pan, James
 7 APPLICANT: Paoni, Nicholas F.
 8 APPLICANT: Roy, Margaret Ann
 9 APPLICANT: Stewart, Timothy A.
 10 APPLICANT: Tumas, Daniel
 11 APPLICANT: Williams, P. Mickey
 12 APPLICANT: Wood, William, L.
 13 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 14 FILE REFERENCE: 10466-14
 15 CURRENT APPLICATION NUMBER: US/09/904,011
 16 CURRENT FILING DATE: 2001-07-11
 17 PRIOR APPLICATION NUMBER: 09/665,350
 18 PRIOR FILING DATE: 2000-09-18
 19 PRIOR APPLICATION NUMBER: PCT/US00/04414
 20 PRIOR FILING DATE: 2000-02-22
 21 PRIOR APPLICATION NUMBER: US 60/143,048
 22 PRIOR FILING DATE: 1999-07-07
 23 PRIOR APPLICATION NUMBER: US 60/145,698
 24 PRIOR FILING DATE: 1999-07-26
 25 PRIOR APPLICATION NUMBER: US 60/146,222
 26 PRIOR FILING DATE: 1999-07-28
 27 PRIOR APPLICATION NUMBER: PCT/US99/20594
 28 PRIOR FILING DATE: 1999-09-08
 29 PRIOR APPLICATION NUMBER: PCT/US99/20944
 30 PRIOR FILING DATE: 1999-09-13
 31 PRIOR APPLICATION NUMBER: PCT/US99/21090
 32 PRIOR FILING DATE: 1999-09-15
 33 PRIOR APPLICATION NUMBER: PCT/US99/21547
 34 PRIOR FILING DATE: 1999-09-15
 35 PRIOR APPLICATION NUMBER: PCT/US99/23089
 36 PRIOR FILING DATE: 1999-10-05
 37 PRIOR APPLICATION NUMBER: PCT/US99/28214
 38 PRIOR FILING DATE: 1999-11-29
 39 PRIOR APPLICATION NUMBER: PCT/US99/28313
 40 PRIOR FILING DATE: 1999-11-30
 41 PRIOR APPLICATION NUMBER: PCT/US99/28564
 42 PRIOR FILING DATE: 1999-12-02
 43 PRIOR APPLICATION NUMBER: PCT/US99/28565
 44 PRIOR FILING DATE: 1999-12-02
 45 PRIOR APPLICATION NUMBER: PCT/US99/30095
 46 PRIOR FILING DATE: 1999-12-16
 47 PRIOR APPLICATION NUMBER: PCT/US99/30911
 48 PRIOR FILING DATE: 1999-12-20
 49 PRIOR APPLICATION NUMBER: PCT/US99/30999
 50 PRIOR FILING DATE: 1999-12-20
 51 PRIOR APPLICATION NUMBER: PCT/US00/00219
 52 PRIOR FILING DATE: 2000-01-05
 53 NUMBER OF SEQ ID NOS: 423
 54 SEQ ID NO 315
 55 LENGTH: 509
 56 TYPE: PRT
 57 ORGANISM: Homo Sapien
 58 US-09-904-011-315

Query Match 85.7%; Score 2820; DH 9; Length 509;
 Best Local Similarity 90.9%; Pred. No. 1-2c-153;
 Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;
 QY 1 MDFLLALVSSLYLOAAAEFDGRWPQIVSSIGLCRYGGRIDCCWAWARQSWGQCPFY 60
 DB 1 MDFLLALVSSLYLOAAAEFDGRWPQIVSSIGLCRYGGRIDCCWAWARQSWGQCPFY 58
 QY 61 VLQRIRARICQLKAVCOPCKRKEGICGNPKCKCHPGYAGKTCIQVLNEGLKPRCKHR 120
 DB 59 -----VCOPCKRKEGICGNPKCKCHPGYAGKTCIQVLNEGLKPRCKHR 103
 QY 121 CMNTYGSYKVCYCLNGYMLMPDGCSSALTCSMANCYGCYUUVKQI:RCQCPSPICIQIAPD 180

DB 104 CMNTYGSYKVCYCLNGYMLMPDGCSSALTCSMANCYGCYUUVKQI:RCQCPSPICIQIAPD 163
 QY 181 GRTCDVDDECATGRASCPRFROC'VNTFGSYICKCHKGFLMYIGCKYQCHIDIDEC'SLQY 240
 DB 164 GRTCDVDDECATGRASCPRFROC'VNTFGSYICKCHKGFLMYIGCKYQCHIDIDEC'SLQY 223
 QY 241 QCSSEFARCYNVKGSYKCKCKEYOGDGLTCVYIPKVMTEPSSP'IPVDPKNEF'ELKQDGN 400
 DB 224 QCSSEFARCYNVKGSYKCKCKEYOGDGLTCVYIPKVMTEPSSP'IPVDPKNEF'ELKQDGN 283
 QY 301 NNKIPDVGSTWMPKTPYIPPLITNRP'ISKPTTRPKPTPIPTDPPDPPDPPDPPDPPDPP 360
 DB 284 NNKIPDVGSTWMPKTPYIPPLITNRP'ISKPTTRPKPTPIPTDPPDPPDPPDPPDPPDPP 343
 QY 361 PTPERPPTTGLTTIAPAASTPPGGITVDNRVQTDPKPKGHWFIIPQPSNLEF'EF'ER 420
 DB 344 PTPERPPTTGLTTIAPAASTPPGGITVDNRVQTDPKPKGHWFIIPQPSNLEF'EF'ER 386
 QY 421 GVSADDEAKDDPCVIVHSCNFDHGLCGWIRKXNDLHNRP'IDPACQGYVITVSAKAAPG 480
 DB 387 -----SVIVHSCNFDHGLCGWIRKXNDLHNRP'IDPACQGYVITVSAKAAPG 434
 QY 481 KAARIVLPICRLMHSQDLCISPRKXVTKLHSGTLOVFFVKKHCAHCAA:WGRNAGH:WQV 540
 DB 435 KAARIVLPICRLMHSQDLCISPRKXVTKLHSGTLOVFFVKKHCAHCAA:WGRNAGH:WQV 494
 QY 541 QITLRGADIKS 551
 DB 495 QITLRGADIKS 505

RESULT 8

US-10-174-590-52
 ; Sequence 52, Application US/10174590
 ; Publication NO. US20030008352A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William L.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3430R1C42
 ; CURRENT APPLICATION NUMBER: US/10/174,590
 ; CURRENT FILING DATE: 2002-06-18
 ; Prior application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 52
 ; LENGTH: 509
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-174-590-52

Query Match 85.7%; Score 2820; DH 9; Length 509;
 Best Local Similarity 90.9%; Pred. No. 1-2c-153;
 Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;
 QY 1 MDFLLALVSSLYLOAAAEFDGRWPQIVSSIGLCRYGGRIDCCWAWARQSWGQCPFY 60
 DB 1 MDFLLALVSSLYLOAAAEFDGRWPQIVSSIGLCRYGGRIDCCWAWARQSWGQCPFY 58
 QY 61 VLQRIRARICQLKAVCOPCKRKEGICGNPKCKCHPGYAGKTCIQVLNEGLKPRCKHR 120
 DB 59 -----VCOPCKRKEGICGNPKCKCHPGYAGKTCIQVLNEGLKPRCKHR 103

QY 121 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSMANCOYQCDVYKQIRCOCPSPGLQAPD 180
 DB 104 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSMANCOYQCDVYKQIRCOCPSPGLQAPD 163
 QY 181 GRTCDVDDECATGRASCPREFRCQVNTFGSYICKCHKGFDMYIGGKYQCHDIDECISLGOY 240
 DB 164 GRTCDVDDECATGRASCPREFRCQVNTFGSYICKCHKGFDMYIGGKYQCHDIDECISLGOY 223
 QY 241 QCSSFANCYVNRGSYKCKCKEGYQDGLTCVYIPKVMIRPSPGPIHVPKNGTILKGDGTGN 300
 DB 224 QCSSFANCYVNRGSYKCKCKEGYQDGLTCVYIPKVMIRPSPGPIHVPKNGTILKGDGTGN 283
 QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPTPKPTPIPTPPPPPLTELRTPLP 360
 DB 284 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPTPKPTPIPTPPPPPLTELRTPLP 343
 QY 361 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDPOKPRGDVFIPRQPSNDLFEIFEIER 420
 DB 344 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDPOKPRGDVFIPRQPSNDLFEIFEIER 386
 QY 421 QVSADDEAKDDPFCVIVHSCNFHCLCGWIREKNDLHNEPIRDPAGGOYLTVSAAKAPGG 480
 DB 387 -----SVLVHSCNFHCLCGWIREKNDLHNEPIRDPAGGOYLTVSAAKAPGG 434
 QY 481 KAARLVPLGLRMLHSGDCLCLSFRRHKVTGLHSGLTQVYFVKHGAHGAALWCRNGHGWROT 540
 DB 435 KAARLVPLGLRMLHSGDCLCLSFRRHKVTGLHSGLTQVYFVKHGAHGAALWCRNGHGWROT 494
 QY 541 QITLRGADIKS 551
 DB 495 QITLRGADIKS 505

RESULT 9

US-10-176-758-52

: Sequence 52, Application US/10176758

: Publication NO. US20030008353A1

: GENERAL INFORMATION:

: APPLICANT: Baker, Kevin P.

: APPLICANT: Chen, Jian

: APPLICANT: Desnoyers, Luc

: APPLICANT: Goddard, Audrey

: APPLICANT: Godowski, Paul J.

: APPLICANT: Gurney, Austin L.

: APPLICANT: Pan, James

: APPLICANT: Smith, Victoria

: APPLICANT: Watanabe, Colin K.

: APPLICANT: Wood, William I.

: APPLICANT: Zhang, Zemin

: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

: FILE REFERENCE: P3430R1C104

: CURRENT APPLICATION NUMBER: US/10/176,758

: CURRENT FILING DATE: 2002-06-21

: Prior Application removed - See File Wrapper or Palm

: NUMBER OF SEQ ID NOS: 612

: SEQ ID NO 52

: LENGTH: 509

: TYPE: PRT

: ORGANISM: Homo Sapien

US-10-176-758-52

Query Match 85.7%; Score 2820; DB 9; Length 509;

Best Local Similarity 90.9%; Pred. No. 1.2e-153;

Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDLALLVYSSLYLQAAAEFDGRWPRQIVSSITGLCRYGRRIDCCWGWARQSWGQCQPFY 60

DB 1 MDPLALVYSSLYLQAAAEFDGRWPRQIVSSITGLCRYGRRIDCCWGWARQSWGQCQPFY 58

QY 61 VLQRRTARINCOLKAVCPKCKHGEICGNPKCKCHPCYAGKTCIQVINEGLKPRCKKR 120

DB 59 -----VCQPRCKHGEICGNPKCKCHPCYAGKTCNQDLNEGLKPRCKKR 103

QY 121 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSMANCOYQCDVYKQIRCOCPSPGLQAPD 180
 DB 104 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSMANCOYQCDVYKQIRCOCPSPGLQAPD 163
 QY 181 GRTCDVDDECATGRASCPREFRCQVNTFGSYICKCHKGFDMYIGGKYQCHDIDECISLGOY 240
 DB 164 GRTCDVDDECATGRASCPREFRCQVNTFGSYICKCHKGFDMYIGGKYQCHDIDECISLGOY 223
 QY 241 QCSSFANCYVNRGSYKCKCKEGYQDGLTCVYIPKVMIRPSPGPIHVPKNGTILKGDGTGN 300
 DB 224 QCSSFANCYVNRGSYKCKCKEGYQDGLTCVYIPKVMIRPSPGPIHVPKNGTILKGDGTGN 283
 QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPTPKPTPIPTPPPPPLTELRTPLP 360
 DB 284 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPTPKPTPIPTPPPPPLTELRTPLP 343
 QY 361 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDPOKPRGDVFIPRQPSNDLFEIFEIER 420
 DB 344 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDPOKPRGDVFIPRQPSNDLFEIFEIER 386
 QY 421 QVSADDEAKDDPFCVIVHSCNFHCLCGWIREKNDLHNEPIRDPAGGOYLTVSAAKAPGG 480
 DB 387 -----SVLVHSCNFHCLCGWIREKNDLHNEPIRDPAGGOYLTVSAAKAPGG 434
 QY 481 KAARLVPLGLRMLHSGDCLCLSFRRHKVTGLHSGLTQVYFVKHGAHGAALWCRNGHGWROT 540
 DB 435 KAARLVPLGLRMLHSGDCLCLSFRRHKVTGLHSGLTQVYFVKHGAHGAALWCRNGHGWROT 494
 QY 541 QITLRGADIKS 551
 DB 495 QITLRGADIKS 505

RESULT 10

US-10-175-737-52

: Sequence 52, Application US/10175737

: Publication NO. US20030013153A1

: GENERAL INFORMATION:

: APPLICANT: Baker, Kevin P.

: APPLICANT: Chen, Jian

: APPLICANT: Desnoyers, Luc

: APPLICANT: Goddard, Audrey

: APPLICANT: Godowski, Paul J.

: APPLICANT: Gurney, Austin L.

: APPLICANT: Pan, James

: APPLICANT: Smith, Victoria

: APPLICANT: Watanabe, Colin K.

: APPLICANT: Wood, William I.

: APPLICANT: Zhang, Zemin

: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

: FILE REFERENCE: P3430R1C50

: CURRENT APPLICATION NUMBER: US/10/175,737

: CURRENT FILING DATE: 2002-06-19

: Prior Application removed - See File Wrapper or Palm

: NUMBER OF SEQ ID NOS: 612

: SEQ ID NO 52

: LENGTH: 509

: TYPE: PRT

: ORGANISM: Homo Sapien

US-10-175-737-52

Query Match 85.7%; Score 2820; DB 9; Length 509;

Best Local Similarity 90.9%; Pred. No. 1.2e-153;

Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDLALLVYSSLYLQAAAEFDGRWPRQIVSSITGLCRYGRRIDCCWGWARQSWGQCQPFY 60

DB 1 MDPLALVYSSLYLQAAAEFDGRWPRQIVSSITGLCRYGRRIDCCWGWARQSWGQCQPFY 58

QY 61 VLQRRTARINCOLKAVCPKCKHGEICGNPKCKCHPCYAGKTCIQVINEGLKPRCKKR 120

DB 59 -----VCQPRCKHGEICGNPKCKCHPCYAGKTCNQDLNEGLKPRCKKR 103

```

Ddb      59      .-----VCOPRCKHGECIGENPKCKCHPGVAGTKCTNODLNEGSLKRPCKIIR 103
QY      121  CMNTYGSYKCYCINGCYMLMPDQSCSSAITSMANCOYGCIDVVKQOIRCOCHSPGILQIAPD 180
Ddb      104  CMNTYGSYKCYCINGCYMLMPDQSCSSAITSMANCOYGCIDVVKQOIRCOCHSPGILQIAPD 163
QY      181  GRTCVDDVDECATGRASCPRFCQVNTFGSYTCCKCHKGFDLMYIGGKYQCHDIDECSLQY 240
Ddb      164  GRTCVDDVDECATGRASCPRFCQVNTFGSYTCCKCHKGFDLMYIGGKYQCHDIDECSLQY 223
QY      241  QCSSTFARCYNVRGSYKCKCKGQYQDGLTCVYIPKVMTEPSQPIHVPKGNCTILKCDTCN 300
Ddb      224  QCSSTFARCYNVRGSYKCKCKGQYQDGLTCVYIPKVMTEPSQPIHVPKGNCTILKCDTCN 283
QY      301  NNWIPDVGSTWPPKPYIPPIITNRPYSKPTTRTPKPTPIPTPPPPPPPIETELRPLP 360
Ddb      284  NNWIPDVGSTWPPKPYIPPIITNRPYSKPTTRTPKPTPIPTPPPPPPPIETELRPLP 343
QY      361  PTTPTPTTGLTITIAAASSTPPGGITVDNRVOTDPQKPRGDVFIHQPSNDLFEIFEIER 420
Ddb      344  PTTPTPTTGLTITIAAASSTPPGGITVDNRVOTDPQKPRGDVFIHQPSNDLFEIFEIER 386
QY      421  GVSADDEAKDDPQVIVHSCNPDHGLCOMIREKNDNIRHWPPIEDPACQOYLTVSAAKAPOG 480
Ddb      387  -----SVLVISCNFOHGLGMIIREKNDNLIWEPIDPAGQOYLTVSAAKAPOG 434
QY      481  KAARIVLPIGRIMHSGDICIISFRRHKVTGIIHSCITLOVFPVKKHGAHCAALWGRNGCHGWROT 540
Ddb      435  KAARIVLPIGRIMHSGDICIISFRRHKVTGIIHSCITLOVFPVKKHGAHCAALWGRNGCHGWROT 494
QY      541  QITLRGADIKS 551
Ddb      495  QITLRGADIKS 505

RESULT 11
US-09-906-742-315
: Sequence 315, Application US/09906742
: Publication No. US20030023054A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Bolstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeler
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Kijavits, Ivar J.
: APPLICANT: Mather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/906,742
: CURRENT FILING DATE: 2001-07-16
: PRIOR APPLICATION NUMBER: 09/665,450
: PRIOR FILING DATE: 2000-09-18
: PRIOR APPLICATION NUMBER: PCT/US00/04414

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Db 387 -----SYLVHSCNEDHGLCGWIREKNDLHWEPIRDPAGGYLTVSAKAPGG 434
Qy 481 KAARLVLPGLRMLHSGDCLSPRHKVTGLHSCTIQVFVRKHGAHCAALWGRNGGHWROT 540
Db 435 KAARLVLPGLRMLHSGDCLSPRHKVTGLHSCTLOVFFVRKHGAHCAALWGRNGGHWROT 494
Qy 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 12
US-10-173-706-52
: Sequence 52, Application US/10173706
: Publication No. US20030022293A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Chen, Jian
: APPLICANT: Desnoyers, Luc
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Smith, Victoria
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE REFERENCE: P3430R1C7
: CURRENT APPLICATION NUMBER: US/10/173,706
: CURRENT FILING DATE: 2002-06-17
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 612
: SEQ ID NO 52
: LENGTH: 509
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-173-706-52

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

Qy 1 MDFLLALVLVSSLYLQAAAEFDGRWPRIQIVSSIGLCRYGGRIDCCGWARQSWGOCQPFY 60
Db 1 MDFLLALVLVSSLYLQAAAEFDGRWPRIQIVSSIGLCRYGGRIDCCGWARQSWGOCQPFY 58

Qy 61 VLQRIRARICQLKAVCQPRCKHGECIGPNKCKCHPGYAGKTCIQVLNPGCGIKPRPKHR 120
Db 59 -----VCQPRCKHGECIGPNKCKCHPGYAGKTCNQDLNPGCGIKPRPKHR 103

Qy 121 CMNTYGYKCYCLNGYMLMPDGSCTSSALTCSMANCOYGDVYKQIRCOCPSPGLQLAPD 180
Db 104 CMNTYGYKCYCLNGYMLMPDGSCTSSALTCSMANCOYGDVYKQIRCOCPSPGLHLAPD 163

Qy 181 GRTCDVDDECATGRASCPFRQCVNTPGSIICKCHKGFDMYIGGKYQCHDIDECSLGQY 240
Db 164 GRTCDVDDECATGRASCPFRQCVNTPGSIICKCHKGFDMYIGGKYQCHDIDECSLGQY 223

Qy 241 QCSSFARCYNVRGSKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGCTILKGDTCN 300
Db 224 QCSSFARCYNVRGSKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGCTILKGDTCN 283

Qy 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLETELRTPLP 360
Db 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLETELRTPLP 343

Qy 361 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDQKPRGDVFIIPQPSNDLFEIFEIER 420
Db 344 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDQKPRGDVFIIPQPSNDLFEIFEIER 386

Qy 421 GVSADDEAKDDPGVVLHSCNEDHGLCGWIREKNDLHWEPIRDPAGGYLTVSAKAPGG 480
Db 387 -----SYLVHSCNEDHGLCGWIREKNDLHWEPIRDPAGGYLTVSAKAPGG 434

Qy 481 KAARLVLPGLRMLHSGDCLSPRHKVTGLHSCTIQVFVRKHGAHCAALWGRNGGHWROT 540
Db 435 KAARLVLPGLRMLHSGDCLSPRHKVTGLHSCTLOVFFVRKHGAHCAALWGRNGGHWROT 494

Qy 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 13
US-10-175-738-52
: Sequence 52, Application US/10175738
: Publication No. US20030022294A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Chen, Jian
: APPLICANT: Desnoyers, Luc
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Smith, Victoria
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE REFERENCE: P3430R1C45
: CURRENT APPLICATION NUMBER: US/10/175,738
: CURRENT FILING DATE: 2002-06-19
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 612
: SEQ ID NO 52
: LENGTH: 509
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-175-738-52

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

Qy 1 MDFLLALVLVSSLYLQAAAEFDGRWPRIQIVSSIGLCRYGGRIDCCGWARQSWGOCQPFY 60
Db 1 MDFLLALVLVSSLYLQAAAEFDGRWPRIQIVSSIGLCRYGGRIDCCGWARQSWGOCQPFY 58

Qy 61 VLQRIRARICQLKAVCQPRCKHGECIGPNKCKCHPGYAGKTCIQVLNPGCGIKPRPKHR 120
Db 59 -----VCQPRCKHGECIGPNKCKCHPGYAGKTCNQDLNPGCGIKPRPKHR 103

Qy 121 CMNTYGYKCYCLNGYMLMPDGSCTSSALTCSMANCOYGDVYKQIRCOCPSPGLQLAPD 180
Db 104 CMNTYGYKCYCLNGYMLMPDGSCTSSALTCSMANCOYGDVYKQIRCOCPSPGLHLAPD 163

Qy 181 GRTCDVDDECATGRASCPFRQCVNTPGSIICKCHKGFDMYIGGKYQCHDIDECSLGQY 240
Db 164 GRTCDVDDECATGRASCPFRQCVNTPGSIICKCHKGFDMYIGGKYQCHDIDECSLGQY 223

Qy 241 QCSSFARCYNVRGSKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGCTILKGDTCN 300
Db 224 QCSSFARCYNVRGSKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGCTILKGDTCN 283

Qy 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLETELRTPLP 360
Db 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLETELRTPLP 343

Qy 361 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDQKPRGDVFIIPQPSNDLFEIFEIER 420
Db 344 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDQKPRGDVFIIPQPSNDLFEIFEIER 386

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QY 421 GVSADDEAKDDPGVIVHSNFDHGLGQWIRKNDLHWEPIEDPAGGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSNFDHGLGQWIRKNDLHWEPIEDPAGGQYLTVSAAKAPGG 434
QY 481 KAARLVLPICRLMHSODICLSFRHKVTGLHSGLQVFRKKGAGHAALWCRNGCHGWROT 540
Db 435 KAARLVLPICRLMHSODICLSFRHKVTGLHSGLQVFRKKGAGHAALWCRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 14
US-10-175-752-52
; Sequence 52, Application US/10/175752
; Publication No. US2003022295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William L.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper of Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 52
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-52

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDPFLALVLVSSLYLQAAAFEDGRWPQIVSSIGLCRYGGRIDCCGWAQSGWQCOQPY 60
Db 1 MDPFLALVLVSSLYLQAAAFEDGRWPQIVSSIGLCRYGGRIDCCGWAQSGWQCOQPY-- 58
QY 61 VLQRIRARICQLKAVCPCKHGEIGPNKCKHCPGYAGTKTCIOVLNEGGLKPRPKHR 120
Db 59 -----VCPCKHGEIGPNKCKHCPGYAGTKTCIOVLNEGGLKPRPKHR 103
QY 121 CMNTGYSKCYCLNGYMLPDGSCSSALTCSSMANCYGCDVVKGTIRCCQSPSGILAPD 180
Db 104 CMNTGYSKCYCLNGYMLPDGSCSSALTCSSMANCYGCDVVKGTIRCCQSPSGILAPD 163
QY 181 GRICVDVDECATGRASCPHRCVNTFGSYICKCHKGFILMYIGGKYQCHIDECSSIGQY 240
Db 164 GRICVDVDECATGRASCPHRCVNTFGSYICKCHKGFILMYIGGKYQCHIDECSSIGQY 223
QY 241 QCSSFANCYNVRSYKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGTILKGDGN 300
Db 224 QCSSFANCYNVRSYKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGTILKGDGN 283
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 360
Db 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 343
QY 361 PTTPERPTTGLTTIAAASSTPPGGITVDNRVQTDQKPGDWFIIPQPSNDLFEIETIER 420

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Db 344 PTTPERPTTGLTTIAAASSTPPGGITVDNRVQTDQKPGDWFIIPQPSNDLFEIETIER 486
QY 421 GVSADDEAKDDPGVIVHSNFDHGLGQWIRKNDLHWEPIEDPAGGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSNFDHGLGQWIRKNDLHWEPIEDPAGGQYLTVSAAKAPGG 434
QY 481 KAARLVLPICRLMHSODICLSFRHKVTGLHSGLQVFRKKGAGHAALWCRNGCHGWROT 540
Db 435 KAARLVLPICRLMHSODICLSFRHKVTGLHSGLQVFRKKGAGHAALWCRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 15
US-10-176-482-52
; Sequence 52, Application US/10/176482
; Publication No. US2003022296A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William L.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C70
; CURRENT APPLICATION NUMBER: US/10/176,482
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper of Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 52
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-482-52

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-154;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDPFLALVLVSSLYLQAAAFEDGRWPQIVSSIGLCRYGGRIDCCGWAQSGWQCOQPY 60
Db 1 MDPFLALVLVSSLYLQAAAFEDGRWPQIVSSIGLCRYGGRIDCCGWAQSGWQCOQPY 58
QY 61 VLQRIRARICQLKAVCPCKHGEIGPNKCKHCPGYAGTKTCIOVLNEGGLKPRPKHR 120
Db 59 -----VCPCKHGEIGPNKCKHCPGYAGTKTCIOVLNEGGLKPRPKHR 103
QY 121 CMNTGYSKCYCLNGYMLPDGSCSSALTCSSMANCYGCDVVKGTIRCCQSPSGILAPD 180
Db 104 CMNTGYSKCYCLNGYMLPDGSCSSALTCSSMANCYGCDVVKGTIRCCQSPSGILAPD 163
QY 181 GRICVDVDECATGRASCPHRCVNTFGSYICKCHKGFILMYIGGKYQCHIDECSSIGQY 240
Db 164 GRICVDVDECATGRASCPHRCVNTFGSYICKCHKGFILMYIGGKYQCHIDECSSIGQY 223
QY 241 QCSSFANCYNVRSYKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGTILKGDGN 400
Db 224 QCSSFANCYNVRSYKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGTILKGDGN 283
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 460
Db 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 343
QY 361 PTTPERPTTGLTTIAAASSTPPGGITVDNRVQTDQKPGDWFIIPQPSNDLFEIETIER 420

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|||||
Db 344 PTPERTTGLTIIAPAASTPGGITVDNRVQTDPOKPRGDVF----- 386
Qy 421 GVSADDEAKDDPGVIVHSCNFDHGI:CGWIREKNDLIHWEPIRDPAGGQYLTIVSAAKAPGG 480
Db 387 -----SVLVHSCNFDHGLCGWIREKNDLIHWEPIRDPAGGQYLTIVSAAKAPGG 434
Qy 481 KAARLVPLGLRLMHSGLCLSPRHKVTGLHSGTLQVFKKHGAHGAALWGRNGGHGWROT 540
Db 435 KAARLVPLGLRLMHSGLCLSPRHKVTGLHSGTLQVFKKHGAHGAALWGRNGGHGWROT 494
Qy 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505
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Search completed: April 23, 2003, 13:04:40
Job time : 24 secs

